

**ABSTRACT**

Quinolylpropylpiperidine derivatives of general  
5 formula (I) in which  $R_{1a}$  is hydrogen, halogen, hydroxyl,  
amino, alkylamino, dialkylamino, hydroxyamino,  
alkoxyamino or alkylalkoxyamino and  $R_{1b}$  is hydrogen, or  
 $R_{1a}$  and  $R_{1b}$  form an oxo,  $R_2$  is carboxyl, carboxymethyl or  
hydroxymethyl,  $R_3$  is alkyl either substituted with  
10 phenylthio optionally substituted with halogen,  
hydroxyl, alkyl, alkoxy, trifluoromethyl,  
trifluoromethoxy, carboxyl, alkoxycarbonyl, cyano or  
amino, or with cycloalkylthio (3 to 7 members)  
optionally substituted with halogen or trifluoromethyl,  
15 or with heteroarylthio (5 to 6 members and 1 to 4  
heteroatoms chosen from N, O and S), optionally  
substituted with halogen, hydroxyl, alkyl, alkoxy,  
trifluoromethyl, trifluoromethoxy, carboxyl,  
alkoxycarbonyl, cyano or amino or  $R_3$  is propargyl  
20 substituted with phenyl or heteroaryl as defined above,  
 $R_4$  is alkyl, alkenyl- $\text{CH}_2$ - or alkynyl- $\text{CH}_2$ -, cycloalkyl or  
cycloalkylalkyl, in their various isomeric forms,  
separate or as mixtures, and also their salts, their  
preparation process and intermediates and the  
25 compositions containing them. These novel derivatives  
are potent antibacterial agents.

